

What is claimed is:

1. A kind of kettles for beverage, comprising:

a kettle body;

an inner vessel being on bottom of the kettle body and provided with a funnel on

5 upper opening of the inner vessel;

an upper filtering layer and a lower filtering layer being set up in the funnel;

a cap being on the inner vessel, covering the opening of the kettle body and

having a pipe from a cavity of the inner vessel to a space between the kettle body

and the inner vessel.

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2. The kettles for beverage in claim 1, wherein said cap is provided with an annular edge extending downwards threads are provided on said annular edge and said inner vessel for their connection.

15 3. The kettles for beverage in claim 1 or claim 2, wherein said cap is provided with a surface layer covering on said pipe and forming an isolation cavity together with said pipe.

4. The kettles for beverage in claim 3, wherein said surface layer is equipped with a
20 lid handle.

5. The kettles for beverage in claim 1 or claim 2, wherein the coincident part of the bottom of said inner vessel and the bottom of said kettle body extends downwards and forms a depressed surface.

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6. The kettles for beverage of claim 1 or claim 2, wherein the bottom of said inner

vessel is of a metal plate with good magnetic conductivity.

7. A kind of electric kettles for beverage, comprising

a kettle body with an electric heater;

5 an inner vessel being on bottom of the kettle body and provided with a funnel at upper opening of the inner vessel;

an upper filtering layer and a lower filtering layer, being set up in the funnel;

a cap being on the inner vessel, covering the opening of said kettle body and having a pipe from the cavity of said inner vessel to the space between said kettle

10 body and said inner vessel.

8. The electric kettles for beverage of claim 7, wherein said cap is provided with an annular edge extending downwards, threads are provided on said annular edge and inner vessel for their connection.

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9. The electric kettles for beverage of claim 7 or claim 8, wherein said cap is provided with a surface layer covering on said pipe and forming an isolation cavity together with said pipe.

20 10. The electric kettles for beverage of claim 9, wherein said surface layer is equipped with a lid handle.

11. The electric kettles for beverage of claim 7 or claim 8, wherein said electric heater is set up on the bottom of said inner vessel.

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12. The electric kettles for beverage in claim 11, wherein a temperature controller for

dry boiling protection being set up on the bottom of said inner vessel.

13. The electric kettles for beverage of claim 7 or claim 8, wherein the coincident
part of the bottom of said inner vessel and the bottom of said kettle body extends
5 downwards and forms a depressed surface.

14. The electric kettles for beverage in claim 13, wherein a temperature controller
for dry boiling protection being set up on said depressed surface.

10 15. A kind of cableless electric kettles for beverage, comprising an electric heater, a
kettle body and a base, said kettle body being placed on said base;

a first electric connector for connection with said electric heater and a second
electric connector for connection with main power being set up on said kettle body
and said base;

15 an inner vessel being on the bottom of said kettle body and provided with a
funnel on the upper opening of said inner vessel;

an upper filtering layer and a lower filtering layer, being set up in the funnel;

a cap being on said inner vessel, covering the opening of said kettle body and a
pipe connecting the cavity of said inner vessel with space between said kettle body
20 and said inner vessel.

16. The cableless electric kettles for beverage of claim 15, wherein said cap is
provided with an annular edge extending downwards, threads are provided on said
annular edge and said inner vessel both for their connection.

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17. The cableless electric kettles for beverage of claim 15 or claim 16, wherein said

cap is provided with a surface layer covering on said pipe and forming a isolation cavity together with said pipe.

18. The cableless electric kettles for beverage of claim 17, wherein said surface layer
5 is equipped with a lid handle.

19. The cableless electric kettles for beverage of claim 15 or claim 16, wherein said electric heater is set up on the bottom of said inner vessel.

10 20. The cableless electric kettles for beverage of claim 19, wherein a temperature controller for dry boiling protection being set up on the bottom of said inner vessel.

21. The cableless electric kettles for beverage of claim 15 or claim 16, wherein the coincident part of the bottom of said inner vessel and the bottom of said kettle body
15 extends downwards to form a depressed surface.

22. The cableless electric kettles for beverage of claim 21, wherein a temperature controller for dry boiling protection being set up on said depressed surface.

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